

**SECURITY SYSTEM USING MOBILE PHONE**Abstract of the Disclosure

A security system is provided that uses a video processor of a video mobile  
5 phone to detect a moving object, and includes a video mobile phone for capturing  
external images and determining changes from the external images, transmitting  
alarm signals and compressing to transmit alarm video frames; an alarm generator for  
receiving alarm control signals from the video mobile phone to alarm; and an alarm  
video storage device for receiving and storing the alarm video frames transmitted  
10 from the video mobile phone.